

U of A loses a friend in Shaben

Michael Brown

The University of Alberta and the province lost a selfless friend on Sept. 7 with the passing of former politician and community leader, Larry Shaben. He was 73.

Born in Hanna in 1935, Shaben was the grandson of Lebanese immigrants and became the first Muslim member of the Legislative Assembly of Alberta when he was elected to the post, representing Lesser Slave Lake, in 1975.

During 14 years of public service, Shaben served as the Minister of Housing and Minister of Utilities and Telephones under Premier Peter Lougheed, and as Minister of Economic Development and Trade under Don Getty.

Shaben did not slow after his political career ended in 1989, serving on various boards, including Canadian Utilities and Atco Electric, from where he fought against the Klein government's move to deregulate the electricity market.

Perhaps Shaben's greatest legacy, however, began after Sept. 11, 2001, when he formed and chaired the Edmonton Council of Muslim Communities. That group's contribution began rippling through the capital region almost immediately and its goodwill spread to the U of A. Thanks to the tireless efforts of Shaben, the financial support from Edmonton's Muslim communities and the Alberta government, an endowed academic chair in Islamic Studies in the Faculty of Arts was established in January 2006.

Daniel Woolf, dean of the Faculty of Arts, characterized his good friend as "wonderful man" who epitomized community-mindedness.

"He was always modest to a fault, generous, and a major force in the city for inter-faith collaboration," said Woolf.

Shaben is survived by his wife, Alma, and five adult children. ■

Dance combat



The Capoeira Academy Edmonton presented its mix of dance, music and martial arts in front of the Arts and Convention Hall on Sept. 10 as the Department of Modern Languages and Cultural Studies hosted Brazil Week 2008. Capoeira was developed by slaves in Brazil as a form of resistance.

Royal Society welcomes 10 new fellows from the U of A

Michael Brown

In recognition of their extraordinary research and work, 10 U of A researchers have been elected as fellows to the Royal Society of Canada: The Academies of Arts, Humanities and Sciences of Canada.

The university's new members named to the RSC are Mike Belosevic of the Department of Biological Sciences; Robert Creaser of the Department of Earth and Atmospheric Sciences; Wayne Grover of the Department of Electrical and Computer Engineering; Wolfgang Jäger of the Department of Chemistry; Mark Nuttall of the Department of Anthropology; Claudine Potvin of the Department of Modern Languages and Cultural Studies; Miriam Stewart of the Faculty of Nursing; Melvin Tyree of the Department of Renewable Resources; Jean Vance of the Department of Medicine and Gary Libben of the Department of Linguistics.

Libben is a psycholinguist who addresses the question of how structurally complex words are represented and processed in the mind.

"Coincidentally, I was at the RSC banquet last year for some other reason, but I was able to hear the impressive research summaries, and it was nice to see all that great stuff being done across the country," said Libben. "So it is really an honour to be part of the group."

Libben is the leader of both national and international interdisciplinary research networks and has conducted pioneering research on how compound words are both processed across languages and represented in the minds of bilinguals, and then impaired as a result of damage to the brain.

"The point of the whole enterprise is to make whatever contributions you can to knowledge, and I'm delighted that mine is being acknowledged by the society," he said. "It's good to know that many of my colleagues are doing pretty

great work."

The work of Libben's fellow inductees is cutting edge and runs the gamut of disciplines across the campus.

Potvin is an internationally renowned scholar of Francophone and Latin American literature and

is an award-winning fiction writer. She has transformed these fields of literature with her innovative theoretical approaches on women's writing, gender, feminist utopias and visual arts.

Nuttall is one of the world's most influential scholars in the

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New science students dropped into deep end

Jamie Hanlon

For most new students, the first week of university is dedicated to memorizing class schedules and locations, developing routines, and perhaps, attending parties and campus events.

But imagine starting your first year of university on a field trip to Jasper National Park.

Students in the Faculty of

Science's Science 100 class are doing just that. Twenty-six students in the new program, designed to provide a broad, interdisciplinary introduction to science, participated in a three-day exploratory trip the second week of classes that will set the pace for their learning for the coming school year.

"One of the goals of the trip is to get them thinking," said Dave Lawrie, program co-ordinator for

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Singhmar Chair will transform the study of India at the U of A

Carmen Rojas

When historian Aloka Parasher Sen decided to relocate to the University of Alberta from India, it wasn't the first time she had accepted an academic position abroad. It was, however, the first time she had stepped into a pioneering role like the one that awaited her here.

Parasher Sen recently joined the Department of History & Classics as the Saroj and Prem Singhmar Chair in Classical Indian Polity and Society. The chair, which was created in 2006 from a \$1.5 million endowment from the Singhmar family of Sherwood Park, is the first at a Canadian university to be devoted to the study of ancient India.

It is an important initiative for the university, whose global focus has extended to India in recent years. "This distinguished academic chair will enable us to increase significantly our instruction in Indian history, societies, cultures, religions and languages," said Dean of Arts Daniel Woolf when the position was first announced.

For Parasher Sen, the opportunity to play a key role in laying the groundwork for the study of India at the U of A was an appealing challenge. "There was very little on India being taught here, and whatever was being taught was with reference to the more contemporary and modern period of history," she said. "I knew that I would have a considerable amount of flexibility in initiating my ideas and developing

them, and encouraging others to develop them."

Based on her initial visit to the U of A in May 2007, she also knew her efforts to establish this new area of study would be welcomed by her colleagues. "They were very encouraging about telling me that it's absolutely essential that India studies are built into the curriculum in the Department of History & Classics. Everybody was extremely warm and welcoming," she said.

Since arriving in Edmonton earlier this summer, Parasher Sen has set to work fulfilling the two immediate goals she set out for herself. The first is to begin spreading the message about her position, letting people know that the U of A is committed to studying ancient India.

Parasher Sen plans to further this goal by accepting invitations to speak to other departments on campus, as well as to participate in activities being organized by the community. "I'm making efforts to interact," she explained; "putting my expertise at the disposal of all those who want to listen to subjects of interest in early India."

Her second goal was to begin teaching courses, which she has accomplished by offering a 400/600 level seminar this semester on state and society in India from 500 BCE to 300 CE. By introducing the study of ancient India with an upper-level course, Parasher Sen hopes to set a high standard.

Aside from the initiatives she currently has underway, Parasher Sen is busy planning for the future.



Aloka Parasher Sen

people and the country that you are studying," she said. "We all have to be aware that there are cultural and ideological milieus that are different from ours."

"To be aware of them is critical in the way you look at the world."

For more information, please visit Aloka Parasher Sen's website at www.uofaweb.ualberta.ca/historyandclassics/AlokaParasherSen.cfm.

New science students dropped into deep end

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Science 100. "They will conduct a number of experiments that could not be duplicated in a lab setting. They will have the chance to explore how the disciplines connect in nature and interconnect with each other," he said. "Among the activities planned are experiments on Newton's laws of motion and statistics, data gathering for earth and atmospheric science and an observation hike that will challenge students to look at nature from a broad scientific mindset, including observing varying biases and perceptions within the group."

But, this field trip is no simple walk in park. Armed with laptops computers, digital cameras and

various scientific measuring instruments, this trip is first and foremost about science. And from the viewpoint of many of the students in the inaugural Science 100 class, with this sort of approach, it is hard not to be enthusiastic about science.

"This trip will be a great bonding experience," said Jenna Motkoski, a Science 100 student from Edmonton, before the trip. "It's a great opportunity to get to know the people you will be working so closely with this year."

"It's the opportunity to get involved doing fieldwork. It certainly will be different from what most first years students are doing in their second week of university."



Dave Lawrie, program co-ordinator for Science 100, hands out papers to the inaugural class.



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Atwood to explore the many faces of Canada

Michael Brown

Celebrated author, poet and environmental activist Margaret Atwood is set to deliver the third annual Hurtig Lecture on the Future of Canada Oct. 1 at the Winspear Theatre.

This centenary signature event, entitled *Which Canada?*, focuses on the challenges and choices confronting Canadians in the early 21st century, including intellectual and technological innovation.

"Margaret Atwood is unquestionably a leading Canadian thinker and engaged citizen," said Janine Brody, Canada Research Chair in Political Economy and Social Governance. "Throughout her distinguished and widely acclaimed career, she has sparked our imaginations and animated public debate about such critical questions as gender equality, national identities, public support for the arts and environmental sustainability."

Atwood has penned numerous highly acclaimed novels, poetry collections and short fiction collections that have led to numerous honours, including the Man Booker Prize for *The Handmaid's Tale* and *The Blind Assassin*. Her work

also has been recognized with the Athur C. Clarke Award, the Governor General's Award in fiction and in poetry, the Dashiell Hammett Award, the Giller Prize and the Le Chevalier dans l'Ordre de Arts et Les Lettres.

Atwood is also an engaged Canadian citizen, making her a perfect fit for the Hurtig Lecture, launched in 2005 to honour Mel Hurtig, an example of engaged Canadian citizenship, who, while deeply rooted in the broader Edmonton community, has significantly shaped Canadians' knowledge of themselves and their country.

The primary goal of the Hurtig Lecture series is to build a national platform where academics, students, opinion leaders and the broader community together can debate Canada's role in a complex and interdependent world. Distinguished Canadian journalists Peter C. Newman and Heather Mallick delivered previous Hurtig lectures.

Brody says that throughout her distinguished career, Atwood has animated and challenged public dialogue and thinking of a wide range of issues, among them feminism, social activism, the artist's role in society, public support for the arts



Famed Canadian author Margaret Atwood will deliver the 2008 Hurtig Lecture on the Future of Canada on Oct. 1.

and the environment.

"Through her writing and social activism, Atwood has invited us to imagine alternative futures by exploring the implications of the

choices that we make in the present," said Brody.

Tickets for the Hurtig Lecture are \$25 and can be purchased at the Winspear box office. ■

A walk down environment lane

Michael Brown

While university homecomings normally involve reconnecting, checking out old haunts and generally waxing nostalgic, this year's edition takes a little break from looking back and, instead, takes a hard look forward.

As part of the activities of the university's Centenary Homecoming 2008, three influential scholars will provide their perspectives as to what must be done to ensure an environment that is able to sustain future generations.

Titled "Towards a Sustainable Future: Three Perspectives," this forum will feature two distinguished U of A scientists—conservation biologist and naturalist John Acorn and professor of epidemiology Colin Soskolne—and Patrick Whitney, a 1974 alumnus who now heads the largest graduate school of design in the United States.

With the presenters speaking on the general topic of sustainability from three differing points of view, Acorn says his role is to talk about sustaining nature and what that might mean.

"What exactly is it that we protect, when we protect and preserve nature and environment and so on," said Acorn. "It's a very timely issue and it is really the central issue when you think about the environment."

Soskolne will examine the public health implications of declines in ecological integrity, locally, regionally and globally, using epidemiological methods. In 1998–99 he spent a year working with the World Health Organization producing a document that promotes ecological integrity and sustainable development as cornerstones of public health.

Whitney lectures throughout the world about how to make technological innovation more humane and to promote sustainable development through design.

"It terms of things that one can take pride in as far as the ongoing role of the university, I think the university is in a really great position here," said Acorn. "Through our alumni, we can provide the sort of perspective and critical assessment of these issues that our society needs."

"Towards a Sustainable Future: Three Perspectives," will be moderated by Dru Marshall, the university's deputy provost and is scheduled for Saturday, Sept. 20, at 1:30 p.m. in the Myer Horowitz Theatre in the Students' Union Building on campus. Admission is free. ■

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ecologically important and politically significant field of northern studies. His research in Greenland, Canada, Scandinavia, Scotland, Alaska

and Finland has drawn together indigenous communities and national and international governmental and non-governmental organizations. Stewart's research programs emphasize social determinants of health and relevance to policies and programs for vulnerable populations including low income, homeless, family caregivers, disabled, immigrants, and refugees. Stewart was director and chair of the Centre for Health Promotion Studies University of Alberta; director of the Atlantic Health Promotion Research Centre and co-principal investigator and co-creator of the Maritime Centre of Excellence on Women's Health. The two health promotion research centres facilitated over 100 studies during her directorship. Stewart was appointed as the inaugural scientific director of Canada's Health Research Institute of Gender and Health. In this capacity, she launched numerous strategic research initiatives, built research capacity and fostered innovative knowledge translation strategies. During her seven-year

"The point of the whole enterprise is to make whatever contributions you can to knowledge, and I'm delighted that mine is being acknowledged by the society."

Gary Libben

term, funding for relevant research multiplied through partnerships internal and external to the Canadian Institutes of Health Research as lead or partner institute.

Creaser is a world leader in the field of geochronology, the science of absolute geologic time. He is internationally renowned for pioneering research and applying the rhenium-osmium chronometer, which measures the age of certain ores, to fundamental scientific problems in the earth sciences.

Beloševic is a scholar of international stature on the nature of the immune mechanisms at both the organismal and molecular levels. His seminal contributions cross disciplinary boundaries and include the development of novel animal models for study of infectious diseases, the detailing of the mechanisms of host defense in mammals and lower vertebrates and inactivation of waterborne pathogens.

Tyree is a biophysicist and tree

physiologist whose extensive studies have provided insight into the fundamental nature of water and nutrient transport in trees. His studies address the long-standing question of how massive volumes of water can be lifted to the tree canopies in the boreal, temperate and tropical forests that provide the vital lungs of our planet.

Vance's seminal work on specialized membranes associated with mitochondria changed the way biologists think about intracellular lipid transport. She has developed and characterized three new strains of knockout mice—mice who have certain genes that have been turned off—and her research provides key insights into mechanisms of cholesterol and phospholipid transport in the brain.

Jäger has made important contributions to the knowledge of the bond, also known as van der Waals force, between molecules and atoms. His studies in this area have

defined a new research area, namely the study of matter at the nanoscopic level.

Founded in 1882, the RSC is the nation's senior and most prestigious scholarly organization. Election to the RSC is the highest honour a scholar can achieve in the arts, humanities and sciences. The 10 new RSC inductees bring the total number of U of A-affiliated fellows to 97.

Former dean of the Faculty of Rehabilitation Medicine and vice-president, research, Martha Cook Piper, was named a Specially Elected Fellow, a rare honour given to those whose accomplishments have been of exceptional value in promoting learning and intellectual accomplishments of exceptional quality. The RSC gave Piper the special honour due to her "extraordinary contributions to the advancement of knowledge through her ability to envision and create powerful new research frameworks. With her skills as a communicator, she has also been instrumental in raising public awareness of the importance of research and in persuading governments to increase their investment in higher education and research."

This year's new Fellows will be inducted at a ceremony to be held Saturday, Nov. 15, in Ottawa. ■

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Rod Macleod/Jim Edwards, PC, Foreword

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Wirth Institute celebrates its 10th anniversary

Jennifer Akers

The Wirth Institute for Austrian and Central European Studies celebrated its 10th anniversary on Sept. 5, marking the occasion with a formal renewal of its agreement with the government of Austria.

The institute, formerly named the Canadian Centre for Austrian and Central European Studies, was first established in 1998 through the signing of a memorandum of understanding between Austria and the University of Alberta, an initiative launched by the Austrian Ministry of Foreign Affairs, the Austrian Ministry of Sciences and the Austrian Conference of University Presidents. Now enjoying the support of governments throughout Central Europe, including the Czech Republic, Hungary, Poland, Slovakia and Slovenia, the Wirth Institute is devoted to interdisciplinary study and research of Central European subjects and culture.

Despite its wider focus, the Wirth Institute still maintains its

close links with the Austrian government and used the occasion of its 10th anniversary celebrations as an opportunity to renew its founding memorandum of understanding. The Austrian Ambassador to Canada, Otto Ditz, was on hand to present and co-sign the agreement on behalf of the Austrian government, which had been signed by Johannes Hahn, Austrian minister for science and research. U of A Provost and Vice-President (Academic), Carl Amrhein, and Dean of Arts, Daniel Woolf, signed on behalf of the university in a ceremony witnessed by numerous dignitaries from across Central Europe.

The agreement was one of three signed during the anniversary celebrations. Two more agreements were signed between the Government of Alberta and the governments of both Hungary and the Czech Republic and are designed to establish closer governmental relations that will enable the Wirth Institute to work even more closely with each of the

signatory countries.

Aside from the formal ceremonies, the institute's anniversary was also marked by a number of other events, including a roundtable discussion among the assembled dignitaries and the opening of two new exhibitions that will run throughout the month. The first, on display in both the foyer of Rutherford South and in the FAB display cases, is a special exhibition entitled, "Masterpieces of Graphic Art from the Slovak Republic," organized in conjunction with the Slovak embassy. The exhibition will run until Oct. 3. The second is an exhibition entitled, "Legacy of Empire: Treasures of the University of Alberta's Central European Library Collections," which highlights the Central European library treasures housed at the U of A. The library treasures include the famous "Priesterseminar" library of the Archbishop of Salzburg and the library of a Viennese reading club. The exhibition can be viewed in the Bruce Peel Special Collections library until Dec. 12. ■



U of A Provost Carl Amrhein signs the renewed memorandum of understanding with Austrian Ambassador to Canada Otto Ditz, Florian Gerhardus of International University Relations of the Austrian Federal Ministry for Science and Research and Franz Szabo.

Outstanding teachers, students and staff honoured at Celebration of Teaching and Learning

Folio Staff

The University of Alberta will honour more than 400 of its best teachers and students on Sept. 26 at the 13th

annual Celebration of Teaching and Learning.

This year's Celebration of Teaching and Learning marks the creation of the new Provost's Award for Early Achievement of Excellence in

Undergraduate Teaching, which recognizes teaching excellence by new professors within five years of their first university appointment.

"The University of Alberta proudly celebrates its 100th birthday this year. As we mark this milestone, we will be celebrating our strong commitment to teaching and learning, which has resulted in the U of A's reputation as a truly first-class teaching and research institution," said Carl Amrhein, U of A provost and vice-president (academic).


Other highlights of this year's event include the University Cup,

the U of A's highest faculty honour. The annual award recognizes a senior professor whose career reflects excellence in teaching and research.

"We celebrate high achievement among our graduate students, among our undergraduate students, and celebrate those rare and important professors who seem to do everything to a spectacular standard with the University Cup, the top recognition that the university gives to anybody," said Amrhein.

Many undergraduate and graduate students will also be recognized for outstanding academic


and extra-curricular achievements. Awards include the President's (\$25,000), BMO Financial Group (\$20,000), Chancellor's (\$15,000) Dean's (\$7,500 to \$15,000) and the International Citation scholarships. This year, the U of A Scholastic Distinction Program will present more than 80 awards valued at upwards of \$1.3 million, payable over four years to outstanding U of A students. The program complements a broad U of A scholarship package, which is valued at more than \$25 million annually. ■




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A Message from President Indira Samarasekera

The University of Alberta has played a leadership role in maintaining and enhancing vital services in the greater community for the last 100 years. As we move into our second century, our commitment to serving "the whole people"—a commitment made by our first president Henry Marshall Tory—continues to guide the vision and mission of our institution.

By holding one of the largest employee campaigns in the annual Edmonton and area United Way campaign, the University of Alberta helps to provide vital services to individuals and organizations throughout the region. Through giving, University of Alberta employees and students enhance the community that, in turn, supports our work in so many ways. This is a wonderful opportunity for us to unite and give back!

This year, our campus campaign runs from September 27th to November 7th, and the challenge for all of us will be to build upon the extraordinary success of our past campaigns. I am pleased to support the 2008 University of Alberta United Way Campaign, and I encourage you to get involved.

Sincerely,


Indira Samarasekera

Indira V. Samarasekera, O.C.
President & Vice-Chancellor

Are You a Winner?

Congratulations to Phil Poon, whose name was drawn as part of Folio's Sept. 5 "Are You a Winner" contest after he correctly identified the building housing the brand spanking new atrium as being in Katz Group Rexall Centre for Pharmacy and Health building located on the southeast corner of the 114 Street and 87 Avenue intersection. For his efforts, Poon has won a sought-after Centenary t-shirt, courtesy of the U of A Bookstore, as well as a copy of Thomas Wharton's *The Shadow of Malabron*.

As if a Centenary shirt wasn't enough, also up for grabs this time around is a copy of Rod Fraser's look back at the first 100 years of the university, *All True Things*. To get in on the action, simply identify where on campus this bust is located. Email your correct answer to folio@exr.ualberta.ca by noon on Friday, Sept. 26, and you'll be entered into the draw.



The new geekdom: programming E.coli

Geoff McMaster

The solution to many of the world's problems may well lie in something as simple as E.coli bacteria. A hot new science is looking at how such organisms can be genetically engineered to do everything from providing hydrogen fuel to cleaning up the environment.

At the forefront of this emerging science are students, some of the best and brightest hailing from right here at the U of A.

Last year the U of A Butaners won in their category at the Massachusetts synthetic biology competition, the International Genetically Engineered Machine Jamboree. They came up with an idea for a biofuel called butanol, produced by bacteria similar to E.coli.

This year two new U of A teams are gearing up to compete at iGEM in November, again using E.coli as their agent.

The Bisphenolics, made up of an interdisciplinary team of 10, are exploring how to program the bacteria's DNA to find, metabolize and neutralize Bisphenol-A, the toxic chemical found in many of today's plastics.

A second team of 11 students from faculties across the campus,

called Logi-col[i], is trying to manipulate E.coli cells to operate much like logic gates, the decision-making functions in computer programming.

The preparation for iGEM is intense. To warm up for the competition, the two teams, along with five others from the universities of Lethbridge and Calgary, met last weekend at the Alberta Genetically Engineered Machine Jamboree in Kananaskis to compare notes and improve their presentations.

The biggest difference in the approach this year, however, is a new U of A science course in synthetic biology, the first offered anywhere in Canada and taught by biochemistry professor Mike Ellison. It brings together students from across disciplines and is designed mainly to help them prevail in Boston.

"We really feel that, because of the success of the Butaners, the enthusiasm iGEM generates is a powerful educational device," said Ellison. "Synthetic biology is about taking biology and applying the principles of engineering to it, so we can actually produce useful, modified organisms that really fulfil important functions in society."

He says that, theoretically, "it would be possible to take these organisms and program them as if

they were computers."

Some students find the challenge enormously appealing, enough to sacrifice what little spare time they have to the iGEM quest.

"Everybody has their hobbies," said third-year biochemistry student Max Buschko, who is taking Ellison's course this year in the hopes of joining a team next year. "You have the guy playing guitar, or the guy who throws a football. Why not come into a lab and actually create something useful?"

"It's so applicable," said third-year molecular genetics student Julia Pon. "It's a way of taking everything we've invested in learning so far and actually using it to make a difference. It's also empowering that it's targeted for students who have a minimal level of experience."

Ellison says the project is one of the best examples on campus of applied interdisciplinary science, crossing boundaries and thinking in unconventional ways to solve real-world problems. Furthermore, the impetus to compete in the field, he says, is "grassroots. We're not getting this from administration or anywhere else."

However he does stress the pivotal role played by Alberta Ingenuity in "laying the seeds for synthetic biology in the province." They've



Max Buschko (left) and Julia Pon of the Bisphenolics, and Jeremiah Bolstad of Logi-col[i], are all participants in a synthetic biology competition held Nov. 8-9 in Massachusetts.

sponsored the teams' efforts from the beginning, and this October they are sending both the Bisphenolics and Logi-col[i] teams to Hong Kong to present at a conference with some of the top experts in the world.

The international movement has been growing "exponentially," says Ellison, with some 60 teams presenting at MIT this year, and the competition continues to grow.

The goal, says Ellison, is to establish a U of A winning streak, with more advanced team members passing on their expertise to the newcomers.

"We're trying to professionalize the operation," he said. Ultimately those who have taken the course and competed "will become the veterans. Then a new group will come in and we'll keep this thing cycling around." ■

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University of Alberta physicists help build new era in physics research

Suzette Chan

The world's most powerful particle accelerator, the Large Hadron Collider, started up in Geneva, Switzerland, on Sept. 10, heralding a new era in physics research. Closer to home, a group of researchers have an added

reason to celebrate.

Physicist Roger Moore says scientists at the U of A's Centre for Particle Physics have been active leaders and participants in the Canadian team that has built parts of the ATLAS particle detector.

"We're involved in everything from the planning and design to

the building and installation," said Moore, a professor in the department of physics.

ATLAS is the largest detector at the \$9-billion Large Hadron Collider. Measuring 27 kilometres in circumference and built 100 metres beneath the border between Switzerland and France, the LHC is

the biggest machine ever built and one of the most complex.

On Sept. 10 the first subatomic particles called protons were injected into the LHC. The protons travel at close to light speed in opposite directions inside the circular accelerator and collide head-on, recreating the conditions of the universe just after the Big Bang.

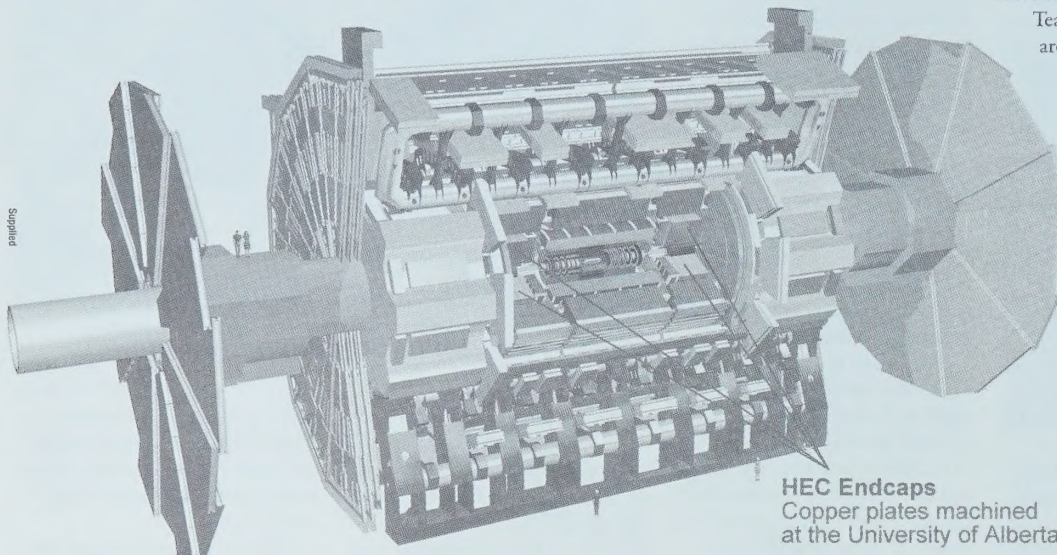
Teams of physicists from around the world—including researchers at the University of Alberta—will analyze the particles created in the collisions using special detectors like ATLAS.

"We may see new physics that will solve problems with what we already know, such as why do particles have mass, and what is all this strange dark matter that makes up most of the universe," said Moore, who helped lead the Canadian ATLAS team.

U of A physicists joined

the ATLAS experiment in 1992, during the experiment's early days. Back then, the physics department had just started a new particle physics program in what is now known as the Centre for Particle Physics, and ATLAS was a fledgling collaboration of fewer than 100 scientists worldwide. Over the past 16 years, the international ATLAS team has grown to about 2,000 members, including about 50 professors, students and technicians who are or have been based at the U of A.

Once data from the particle collisions comes streaming in from Switzerland, Moore says that Alberta researchers will begin to look for the Higgs boson, a particle which so far only exists in theory. The Higgs is thought to be what gives mass to the other fundamental particles. The team will also be looking for evidence of extra dimensions and the creation of black holes, as well as supersymmetry, the possibility that matter and force are the same at high energy, which might explain, amongst other things, the nature of dark matter. ■



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Forum to deliver the environment to the people

Michael Brown

Suppose it's 2020 and Alberta—indeed, Canada—has done well in responding to the complications surrounding climate change. What does the world look like?

That will be the starting point for a U of A-led environmental roundtable of "deliberative democracy" experts from around the globe, key Alberta stakeholders and everyday Alberta residents, who will work backwards in an attempt to find some common ground with regards to getting citizens involved in the climate change debate.

"The goal of the weekend is to design a program of citizen engagement that would be suitable for Alberta and that we could make happen in Alberta," said David Kahane, professor in the Department of Political Science and event organizer. "Only by involving citizens directly in problem solving and policy making can governments craft responses that are sufficiently bold to address the crisis, and suf-

ficiently legitimate to secure solid public backing."

This initiative, titled "Public Deliberation on Climate Change: Getting beyond sound-bite politics and shallow consultations," is the result of a commitment made by members of the Deliberative Democracy Consortium—an online global organization of experts in convening and assessing public dialogues and deliberations—to increase mutual understanding, solve problems and shape policy.

"We are a non-partisan group convinced that just and effective responses to climate change must draw upon the collective wisdom and energy of citizens expressed through well-designed and inclusive public deliberations," said Kahane. "A lot of us know about climate change, know what the science says, know something about what the effects will be in our lives."

"But like so many other big problems we're facing in the world," he said, "you la-la-la your way through it. But if you let it in, it's a whole body experience. It's pretty intense."

The process starts on Sept. 25

with a Public Roundtable featuring eight prominent deliberative democracy theorists and practitioners from Canada, the United States, Australia and the United Kingdom. It will take place at the Law Center (corner of 111 St. and 89 Ave.), Room 231/237 starting at 7 p.m.


The roundtable is followed by a Community Conversation to be held Sept. 26 starting at 6:15 p.m. Structured as a World Café—where people move between conversations in small groups—this forum will gather together 225 Albertans from all walks of life to talk about how their province is dealing with climate change.

The Public Roundtable and Community Conversation will feed into an invitation-only workshop made up of selected Alberta stakeholders in order to design a program of public engagement on climate change in the province. Participants include elected officials and individuals from non-government organizations and industry.

Finally, the general public is invited to attend "Albertans Deliberating About Climate Change: Steps toward engaging the public," on Sept. 29 starting at 2 p.m. at the Telus Center. Here, findings from the process will be unveiled, followed by a facilitated discussion where those in attendance can raise questions about the public engagement plan, offer advice and decide how they would like to be involved in moving plans forward.

"In the weeks afterward, I hope that we'll see people who weren't working together before, working together to figure out what the next steps are to get citizens talking together in Alberta," said Kahane. "In 2009, I see organized structures in Alberta about climate change that we wouldn't have seen otherwise."

For more information go to <http://climateconversation.ning.com>. ■

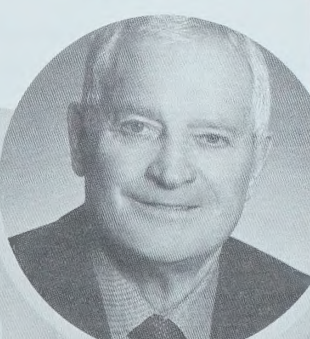


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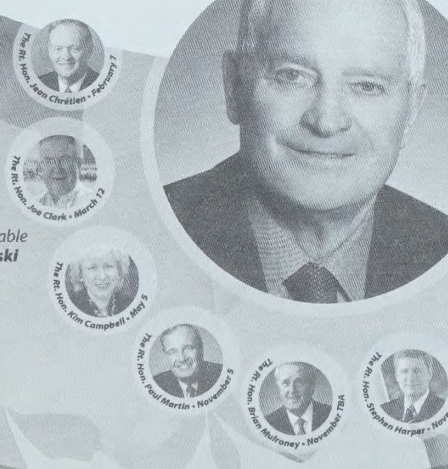
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6:30 pm – 8:30 pm
Myer Horowitz Theatre




Hosted by:
The Right Honourable
Don Mazankowski

The Honourable
Anne McLellan

Interviewed by:
The Honourable
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Brilliant Strokes shows Chinese art at its best

Geoff McMaster

Many have the unfortunate impression that Chinese art features nothing but landscapes, landscapes and more landscapes.

But nothing could be further from the truth, says Ka Bo Tsang, guest curator from the Royal Ontario Museum, who put together Brilliant Strokes, an exhibit showcasing some of the most striking pieces from the U of A's Mactaggart Art Collection that spans the 15th-century Ming dynasty to the 20th century.

"[That assumption] is mainly because some people haven't seen masterpieces," said Tsang, "and you really need to see good paintings in order to appreciate it. I hope that people are impressed by the diversity in this collection."

Tsang adds that the Sandy and Cécile Mactaggart clearly had "the eye" for spotting quality art when they saw it, paintings and drawings that are full of life. The 18 works in Brilliant Strokes include rare hanging scrolls, handscrolls and albums. It's the first time they have been assembled for public viewing.

"The works are significant, historically and stylistically," said Tsang. "Some are really exquisite."

She points to one remarkable 15-metre scroll depicting the Qianlong emperor's inspection tour of southern China in 1751. It shows the emperor entering the city of Dezhou, along with bodyguards

and crowds of local officials and inhabitants.

There were 12 such scrolls completed during the Qing dynasty, but only seven are known to still exist, two of which belong to the U of A's Mactaggart collection.

Another of Tsang's favorites is a set of 16 copper engravings bringing to life Qing dynasty battle scenes. Copperplate was a technique introduced to China by an Italian Jesuit, Matteo Ripa. The emperor was so impressed with Ripa's work that he commissioned four European artists to make more 16 sketches, which turned out to be enormously popular, says Tsang, and were presented as gifts to high-ranking dignitaries.

Tsang was originally asked to put together an exhibit of the Mactaggart collection for the opening

of the Royal Ontario Museum's Crystal expansion in 2006. But when construction of the expansion was delayed, U of A officials felt it was better to open the exhibit here during the university's centenary.

"I hope that it eventually it goes to Toronto, so the people there have the opportunity to see this marvelous collection," said Tsang.

Brilliant Strokes opens Sept. 18 in the Telus Centre and is on view Thursdays from 12 p.m. to 8 p.m. and Fridays and Saturdays from 12 p.m. to 5 p.m. until January 24, 2009. The exhibit is accompanied by the programming series Experience China Past and Present, and features, in addition to Tsang, guest Maxwell K. Hearn from the Metropolitan Museum of art and artist Arnold Chang from New York. ■



This work, entitled *Album Leaf from Illustrations of Costumes from the Qianlong Court*, dates back to 1875.



This hanging scroll, entitled *Autumn Landscape After Wang Meng*, was created by Wang Yu in 1738.

HEALTH

IN THE 21ST CENTURY

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12:30 p.m. Welcoming Remarks

Dr. Indira Samarasekera, President,
University of Alberta

Ms. Paddy Meade, Executive Director,
Alberta Health Services

1:00 p.m. Dr. Joseph Martin

Dean Emeritus, Harvard Medical School

2:00 p.m. Sheila Watt-Cloutier

Environmentalist & 2007 Nobel Prize
Nominee

3:00 p.m. Michael Adams

President, Environics Research Group

For more information, contact cynthia.fawcett@ualberta.ca or
jo-anne.nugent@ualberta.ca | 780 492 9651



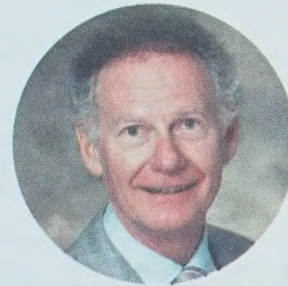
JOSEPH B. MARTIN MD, PhD

A native Albertan and University of Alberta alumni, Dr. Martin served for ten years as Dean of the Faculty of Medicine at Harvard University. Previous to this, Dr. Martin served for four years as Dean of the School of Medicine at UCSF and was appointed Chancellor in 1993. Dr. Martin was appointed the Edward R. and Anne G. Lefler Professor of Neurobiology at Harvard Medical School in July 2007.



SHEILA WATT-CLOUTIER

A Nobel Peace Prize nominee, Sheila Watt-Cloutier is a powerful voice for the environment, and a guardian for Inuit human rights in the Arctic—the new ground zero of global climate change. An Officer of the Order of Canada, Sheila Watt-Cloutier is an advocate for climate change initiatives, and is influential among development groups and policy leaders around the world.



MICHAEL ADAMS

Michael Adams is a noted commentator on social values and social change in North America. The founding president of the Environics group of research and communications consulting companies, Michael has written five books including the bestselling *Fire and Ice: The United States, Canada, and the Myth of Converging Values*, which won the 2003 Donner Prize for the best book on Canadian public policy.





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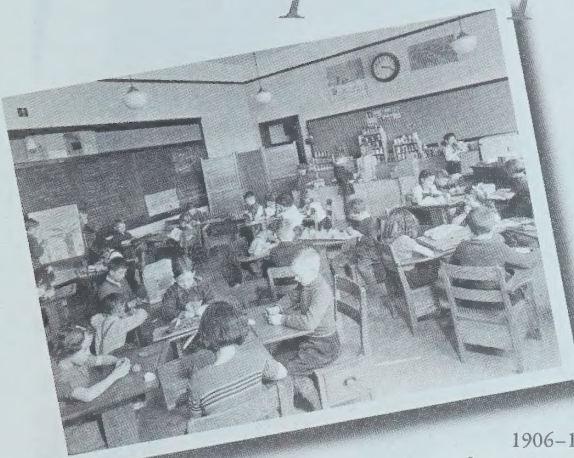
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NATIONAL PARTNER

past, present, future

From humble beginnings to international impact: the University of Alberta's Faculty of Education



Fern Snart, dean of education

As Alberta took its place within Confederation in 1905, public education reflected society and the economics of the time; the province was predominantly a rural population and agriculture was key.

Immigrants to Canada were arriving steadily as federal efforts were underway to "settle the west." Schooling often took place in the framed one-room schoolhouses across the prairies; at one time there were over 3,000 in Alberta.

School attendance was a challenge, as young people provided necessary labour on family farms. Similarly, since attainment of the "three Rs" was felt to be an adequate education, high-school completion was relatively rare.

The life of teachers in this era was not to be envied. Those teachers, typically young women, often found themselves in run-down schoolhouses and were required to live in similarly neglected teacherages or granaries, or even in the school itself. The job description included janitorial tasks and sometimes even the care of the horses used as transportation by some of the students. They were ill-prepared for the range of students' educational needs; students represented a wide range of ability levels, ages, and even spoken languages in the case of immigrant children.

By 1906, things had begun to change as the provincial legislature of the new province began to sit in McKay Avenue School—Edmonton's oldest brick school house—and teacher preparation was an early agenda item.

From 1906 through 1945, teacher education in Alberta was provided by the Provincial Department of Education at three Normal Schools, located in Calgary from

1906–1945, Camrose from 1912–1930, and Edmonton, first housed in Corbett Hall, from 1920–1945. These "Normal Schools" were created to educate high-school graduates how to be teachers, with an underlying purpose of establishing teaching standards or norms, hence the name.

By 1928, a School of Education existed at the U of A within the faculties of arts and science, which allowed students to obtain a degree in education if they had previously completed another degree.

The school became a college in 1939; Milton Ezra LaZerte was named as the first director, and pre-service teachers were allowed to register directly in an education program. The notion was that the college would educate those who would become high-school teachers while preparation for elementary-school teachers would still occur primarily in the Normal Schools.

The faculty opened its doors in 1942 as the first Faculty of Education in Canada, and named Lazerte as dean. By the mid-forties, the Normal Schools closed and the U of A was given the responsibility of providing teacher education for the entire province. The foundation was thus provided for the requirement that was initiated in the 1970s, which said those entering the teaching profession must have a university degree.

The Faculty of Education today is one of the largest and most vital in Canada. With 3,400 undergraduate students, 800 graduate students and world class-researchers and teachers as professors, graduates are making a difference in educational and professional spheres across the globe. The faculty's collegial relationship with the profession through the Alberta Teachers' Association is strong, placing roughly 2,300 student teachers annually with excellent mentor teachers in Alberta classrooms.

The innovative work of educa-

tion professors has taken the faculty to new and exciting arenas, such that its contribution to the public good—locally and globally—can be increasingly noted.

For instance, off-campus collaborative programs provide opportunities for students to obtain U of A Bachelor of Education degrees by completing two years of study at a home college, with the Faculty of Education bringing years three and four to the community. Students are studying in unique cohorts through Red Deer College, Grande Prairie Regional College, Keyano College, Medicine Hat College and within the Aboriginal Teacher Education Program through Northern Lakes College, Blue Quills First Nations College and Maskwachee Cultural College.

Through the faculty's Education Clinic, over 100 graduate students are supervised while providing counselling, assessment, reading and language services to clientele who may be unable to access or afford such services elsewhere.

Student programs have also been enriched by 50 visiting scholars over the last 18 months, including researchers from Australia, Ireland, South Africa, South Korea, China, Ukraine, South America and the United States. The faculty's international exposure reached China in October of 2007 when a faculty delegation visited universities and national research organizations in the Far East to embark on research collaborations and exchange opportunities. In fact, 10 international memoranda of understanding have been signed with schools in every corner of the globe over the past two years to promote research collaboration and faculty and student mobility.

Further, the Faculty of Education is the only North American member of a consortium formed by the United Nations Educational, Scientific and Cultural Organization's Teacher Training Network for Iraq, created to assist in rebuilding the education system in that country. Fifteen teacher educators

from Iraq visited the faculty for 17 days of professional development in mathematics, science and technology teaching in November 2007.

Another unique initiative for the faculty has been the delivery of a Global Citizenship Field Experience course for 18 undergraduate students in Ghana during the summers of 2007 and 2008. The co-instructor for the course is Kwasi Ansu-Kyeremeh, a professor from the University of Ghana and an Ashanti chief who previously received his master's of education degree at the U of A.

A little closer to home, the faculty is leading a Global Citizenship Curriculum Development initiative, which involves all 18 faculties across campus.

As well, a Community University Research Alliance award has helped Cora Weber-Pillwax, a professor in the Department of Educational Policy, provide an historic opportunity for aboriginal scholars in Western Canada by creating the opportunity to examine the writings of the early Oblate missionaries. The Oblates are partners in this research, and the process is framed as one that will contribute to healing within the context of understanding language and history.

Finally, over the past two years the faculty has begun collaborative initiatives with the Faculty of Medicine & Dentistry, including the joint proposal for a master's in health sciences education, offered through the Faculty of Education to practicing professionals who wish to improve their skills in pedagogy and educational research.

The University of Alberta's Dare to Discover vision exemplifies the achievements of Alberta's early educational pioneers: to inspire the human spirit through outstanding achievements in learning, discov-



(top) First Dean of Education Milton Ezra LaZerte
(bottom) Dean Fern Snart with students in Mondesa Township, Namibia

ery, and citizenship in a creative community and by building one of the world's great universities for the public good. The commitment and personal inspiration of young teachers, their contextual need for creativity and discovery in reaching and teaching the students and their families and their ultimate contribution to the public good, suggest that these were early professionals of whom the first President of the University of Alberta, Henry Marshall Tory, and the current President, Indira Samarasekera, would be equally proud. ■



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Fangs are out in *Who's Afraid of Virginia Woolf?*

Ileiren Poon

Taking on a play as complicated, complex and intense as *Who's Afraid of Virginia Woolf?* can be draining. Especially if an actor is also a university professor, administrator and father.

"The play does you in, as much as you do the play," said David Ley, a drama professor with the University of Alberta's Master of Fine Arts program. "I find it actually kind of exhausting. It's a play that sucks you into the world in a very powerful way."

Edward Albee's classic play opens Studio Theatre's 2008–2009 season Sept. 18 at the U of A's Timms Centre for the Arts. An intellectual jigsaw with breathtaking emotional scope, *Who's Afraid of Virginia Woolf?* is also known for its portrayal of a vitriolic relationship with biting wordplay.

The play centres on the dysfunctional middle-aged couple George and Martha, who invite the unsuspecting younger Nick and Honey to their home for a nightcap. Fuelled by drinks and charged with years of animosity, George and Martha engage in a relentless, scathing attack on each other, simultaneously embarrassing and fascinating their guests.

"It's brilliantly nasty, though. That's kind of the thing that saves it," said Ley, who plays George. "It's Shakespearian in its emotional depth and the creativeness of its expression. It's like, we're going to be really ugly, so how many classical allusions can we bring in here?"

The complexity somehow lends lightness to the moment, he added. "That's the awful thing, when people laugh and say 'Oh my God, what did I just laugh at?' Otherwise, it would be a bitter, bitter pill to swallow."

Who's Afraid of Virginia Woolf? is Rob Moffatt's thesis for his master's degree in directing. Moffatt, founder and former artistic director of Calgary's Sage Theatre, says the material can be somewhat difficult to handle.

"It's a mammoth, bucking beast to ride," he said. "On one hand, it's very rewarding because I have a real top-flight cast and group of collaborators, but it's over three hours long. The language is incredibly complex and the syntax is really meticulous."

The Studio Theatre production reunites Ley with his former Studio 58 theatre school classmate Linda Quibell, who plays Martha, and brings back U of A drama alumni Ava Markus and Eric Nyland, play-

ing Honey and Nick.

Even though *Who's Afraid of Virginia Woolf?* is an "incredibly actor-driven piece," Moffatt says Albee's concise stage directions lead the director to compare the script to a musical score.

"I think that's what Albee had in mind," said Moffatt. "It's there in the language. I hear some characters seem to slash and swoop like a saxophone; others are more wistful and yearning, like a flute, and there are power sections that come in like a trumpet or a trombone. When you follow the script, you glide through the cadence of the language."

Evening performances of *Who's Afraid of Virginia Woolf?* run Sept. 18–27, at 7:30 p.m., with a \$5 preview performance on Wednesday, Sept. 17, at 7:30 p.m. A matinee performance is scheduled for Thursday, Sept. 25, at 12:30 p.m. There is no performance on Sunday, Sept. 21.

Tickets are on sale now, available for \$10–\$20 at TIX on the Square, in person at Sir Winston Churchill Square Interpretive Centre, or by phone at 780-420-1757 and online at www.tixonthesquare.ca. Walk-up tickets are available one hour before each performance at the Timms Centre Box Office. ■



Martha, played by Linda Quibell, and George, played by Ava Markus, square off in the master of fine arts production of *Who's Afraid of Virginia Woolf?*

Media's role in youth crime

Michael Brown

The U of A's Criminology Program and the Alberta Press Council are hosting a public forum at the Timms Centre for the Arts that will examine the rules when it comes to reporting on youth crime.

The title of the Oct. 2 forum, "Youth, Crime and the Media: Are Readers Getting the Whole Story?" reflects the fact that youth crime is often front-page news and forces reporters and editors to make tough decisions about what can and should be published. The session

also examines the legal constraints on the media and how news coverage shapes public attitudes on this controversial issue.

The panel will include Allan Mayer, editor-in-chief of the *Edmonton Journal*, Jana Grekul, assistant professor and director in the U of A criminology program and Anne Shutte, an Edmonton crown prosecutor.

"Because the media play such a significant role in influencing public perception and understanding of youth crime, this forum provides an opportunity to explore the

challenges faced by the media in reporting on the topic," said Grekul. "However, from a research perspective it's important to consider and talk about the kinds of information not being presented to the public and how the relative absence of this information contributes to myths and misperceptions about youth and crime."

The forum will begin at 7 p.m. The audience is invited to participate by asking questions of the panel and admission is free. For more information please call 1-888-580-4104 or email abpress@telus.net ■



GREEN AND GOLD DAY SEPT. 23, 2008

September 23 marks the 100th anniversary of the first day of classes at the University of Alberta. To celebrate this milestone, the U of A and the City of Edmonton have come together to observe Sept. 23 as "Green and Gold Day."

Edmontonians are encouraged to show their school pride by wearing green and gold.

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Centenary exhibit makes an imprint

Ileiren Poon

A collection of original prints created to celebrate the University of Alberta's centenary were unveiled on Sept. 11. Titled *Agave* prints in the portfolio were inspired and influenced by ideas and conceptual concerns relating to a wide variety of subject areas ranging from philosophy and literature to physics and biology.

"We didn't put a theme to what they produced, but students used different areas to inspire the works they did," said Liz Ingram, a profes-

sor in the Department of Art and Design. "There are prints that were inspired by anthropology, from ideas out of science, literature and poetry. There is a broad range of topics that are explored, which we really liked. It's all about the university, that interdisciplinarity that's everywhere."

Students in the department's senior printmaking classes were offered the opportunity to participate by creating a print on fine quality archival paper with specified dimensions. The invitation was also extended to all graduate students

and teaching staff in the printmaking area, and despite the amount of work involved, 26 artists responded with enthusiasm.

"We expected there would be maybe 15 or 18 students who would agree, because it's a lot of work, but 26 people jumped on board," said Ingram.

The works were created using a broad range of print media, from historical to new techniques including mezzotint, photo gravure, screen-printing, lithography, etching and digital. The hand printing of each edition of 34 prints was carried

out in the department's printmaking studios after regular classes were completed in the spring, which required dedication and perseverance of participants, she said.

The portfolios will be used as gifts to visiting dignitaries throughout the Centenary celebrations, but the public has a chance to see the collection in an exhibit at the U of A Fine Arts Building gallery. The prints will be on display until Sept. 27.

The exhibit also offers the public a chance to own some of these works of art. "The full portfolio set is not for sale, but if you're excited

This untitled work by Caitlin Wells is one of 26 original prints in the *Agave* exhibit.

about a particular image and you want a fine-art, hand-printed work, you can purchase it at the show," said Ingram. ■

Centenary author examines *All True Things*

Michael Brown

It's hard to envision an idea as an organic being, full of instructions and themes that flourish under the right conditions and care. But according to historian Rod Macleod, author of *All True Things*, all the University of Alberta is and has achieved in its first 100 years can be traced back to one man's dreams.

"I think a great deal of the university's success comes from the first president of the university, Henry Marshall Tory, who was an extraordinary individual," said Macleod in advance of his book's launch, which took place on Sept. 20 at Enterprise Square.

When Tory came west in 1908, things were primitive and Alberta was the poorest Canadian province.

"Tory comes out here and creates a real university right from the start; one that has very high standards, an ideal he insisted on in everything the university did," said Macleod. "I think that is a spirit that has kept on through the years."

The unfolding of Tory's vision is the basis of *All True Things*, a 392-page Centenary project commissioned by Carl Amrhein, U of A's provost, who chose Macleod because he knows the history of the U of A. He received his undergraduate degree at the U of A in 1962 before teaching history at his alma mater from 1969–2005.

"There have actually been five histories written about the U of A, but the last history of the university, Walter John's history, only went up to 1969, so there is a lot of to be caught up on," said Macleod.

The book tells about intriguing U of A characters such as Decima

Robinson, one of seven women to first attend and the first student to graduate from the university; William Rowan, the famed biologist who did pioneering work on bird migration, and James Collip, the biochemistry professor who helped contribute to the discovery of insulin therapy for diabetes.

"One of the surprises I found early on was Robert Boyle, a physics professor, who would later become the dean of engineering. He was the guy who invented sonar during the First World War," said Macleod. "People didn't realize that until quite recently."

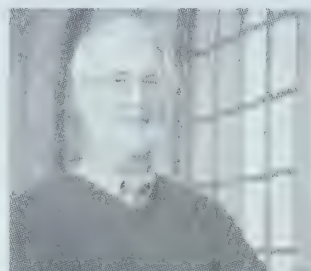
Like the people it holds, Macleod says the physical university has been as equally transformative.

"One thing you do realize is that growth has never been a steady progression in one direction," he said. "The significant changes in the university take place in fairly rapid spurts, and then there are fairly long periods where nothing seemed to be happening."

Macleod says expansion came fast and furiously for the first 10 years, only for construction to stop with the onset of the First World War. No new buildings were built on campus once the first medical building was finished in 1921 until the 1950s. A boom in construction quadrupled the U of A's capacity to educate up to 20,000 students over a 10 year period through the mid-'60s and into the early '70s. However, the tide of growth would ebb and hold for 20 years before the momentum began to build again in the late '90s.

"Now you can barely move on campus for all the construction."

Macleod says these phases of




Rod Macleod

construction and discovery go along way in illuminating a crucial relationship in the U of A's development, as well as a lesson in carrying forward.

"Clearly one of the major themes running through from day one of the university right down to yesterday is the relationship the university has with the provincial government," said Macleod. "Through this relationship we've had a lot of success but we've also had a few missed opportunities. In periods of slow university growth, namely the 1950s and again through the '80s and '90s, the province had money thanks to oil revenues, but was reluctant to spend it on the university."

"I think what we learn from the past is we have to seize the opportunity when it's there."


The book launch coincides with a website launch that uses multimedia to recount the university's journey. This website was undertaken in partnership with the Heritage Community Foundation and features multiple databases with more than 5,000 pages of archival material, 800 biographical entries, 2,100 photos and 132 video clips. The website can be viewed at: www.ualbertacentennial.ca. ■



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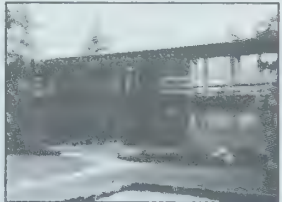
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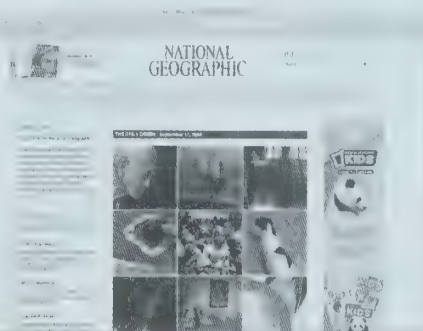
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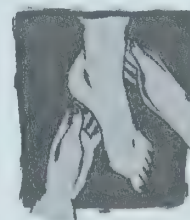
If you've ever wanted to have your photographs in *National Geographic*, this may be the best opportunity. The magazine's online publication offers "Your Shot," an invitation to send in your favourite photo.

While some of the images do make it into the magazine in the "Daily Dozen," others are published on the

website. There are also editors' comments and professional tips and tricks to help up-and-comers perfect their craft.

If you're not a photographer, this site is worth browsing simply for the hundreds of gorgeous images that are available for viewing, downloading as

desktop wallpapers, or turning into time-wasting jigsaw puzzles. Like the magazine itself, the colour and beauty of the images on <http://ngm.national-geographic.com/your-shot> make for easy daydreams of travel and adventure.



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Students working to make inner-city program SHINE brighter

Michael Brown

“Your mission, should you choose to accept it ...”
The phrase, normally

The phrase, normally associated with the impossible, has been borrowed by a University of Alberta student group as a way of rallying student support behind a mission possible to help at-risk youth.

The Student Health Initiative for the Needs of Edmonton Clinic, or SHINE, the country's only entirely student-run health-service centre, is kicking off a new year in support of Edmonton's marginalized youth with the launch of two new programs designed to not only provide a wider range of assistance, but also deepen its volunteer base.

Open every Saturday from 2-6 p.m. at the Boyle McCauley Health Center, SHINE, which receives sponsorship from the University of Alberta, the Faculty of Medicine &

Dentistry and Alberta Health Services—Capital Health, has endeavoured to provide medical and dental programs to underprivileged youth, regardless of insurance or even identification, for the past three years.

David Poon, a third-year Faculty of Medicine student and program volunteer, says that although SHINE was originally designed as an interdisciplinary health initiative, organizers felt that perhaps the program was too narrow in scope and didn't do enough to address the wider needs of at-risk youth finding a better path.

"Our first program, called SHINE Employment, will match youth with existing programs or existing businesses to either find work or find work-training," said Poon. "So we're becoming a referral centre."

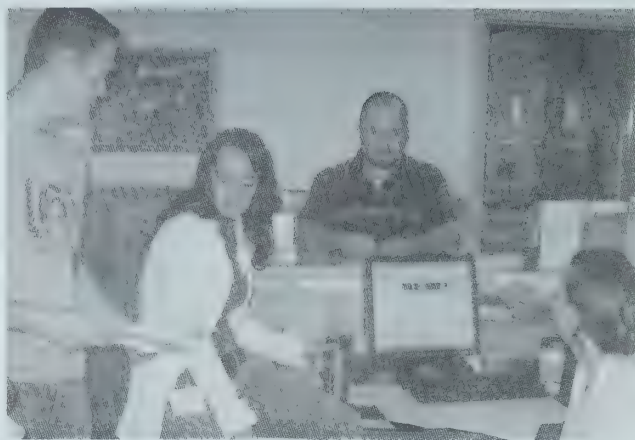
"Although eager to help out, social work students typically haven't joined SHINE because previously

they didn't find they had a role, but now with the new employment branch of SHINE there is a place for them to use their own particular skill set."

The second program the SHINE executive is excited about is one that sees nutrition students create healthy weekly meals.

“Every Saturday, youth who come in can have something tasty, something prepared fresh, something nutritious and healthy,” said Poon. “Now offering free, healthy weekly meals developed by nutrition students, and the option to find jobs or work training through partnerships with local organizations, SHINE will establish itself as a safe environment for inner-city youth looking for somewhere to eat, to get better, to find work, or just to hang out.”

With these grand designs on paper, Poon said SHINE now needs to recruit a small army of



SHINE is Canada's only entirely student-run health-service centre.

volunteers-students as well as doctors, dentists, nurses and social workers-to fill the wide-ranging holes created by what he referred to as a "rebranding effort."

"Nutrition students and social work students traditionally haven't had a big role even though we

wanted to run SHINE as an interdisciplinary clinic," he said. "Our recognition in nursing, social work, nutrition, pharmacy and physical rehabilitation faculties is not well known, so we are looking to reintroduce ourselves.

"This is the new SHINE." ■

To Tacloban, With Love

Karen Baird

For five School of Business students, this summer involved a month in the Philippines. They weren't there for the sun and surf, though. They were there to help impoverished street children.

Connecting with Streetlight, a charitable organization in the city of Tacloban, the students raised \$7,000 and brought eight laptop computers to the shelter. The U of A group, which included two sci-

ence graduates, focused on tutoring staff and children on typing skills, Microsoft software and other computer skills, including maintenance of the new computers. As well, they helped tutor the children with their daily school lessons in math, English and science, in addition to helping renovate the school gym. The group also injected a dose of fun for the youngsters with a birthday party for those born in August, dance lessons and mini-Olympics.

Streetlight was founded in 2004 by 21-year-old Norwegian Erlend Johannesen, who was interested in humanitarian work. The organization started by caring for 15 children but that number has since grown to 28.

As well, the Streetlight Study and Development Centre, funded entirely by Canadians, started with 20 children in 2007, but that has more than doubled to 50 children this year. The 20 staff onsite are

joined by about 25 volunteers from different countries.

"Erlend's vision is to create a home for these children until they can be relocated to a family that will care for them," said Joel Elford, a fourth-year finance student. "Streetlight is not a place to raise a child; it is not a family, it is only a better place than the street."

The U of A connection started when Keiran Ryan heard about the organization a year ago. The recent

graduate volunteered a month of his time there and came back to Canada determined to return to Tacloban with a team of volunteers from the U of A and a significant amount of donations.

"We raised money through beer gardens, sponsors, personal donation, whatever we could think of," said Elford. "The group arrived Aug. 3 and spent the next couple of weeks digesting memories and images that will last for the rest of our lives." ■

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talks & events

Folio Talks and Events listings do not accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: www.uofaweb.ualberta.ca/events/submit.cfm. A more comprehensive list of events is available online at www.events.ualberta.ca. Deadline: 12 noon one week prior to publication. Entries will be edited for style and length.

Jan 1–Dec 31

University of Alberta Centenary Events. Join us as we celebrate 100 years of influencing the world through teaching, research, and good works. www.100years.ualberta.ca

Sept 18 – 21

Homecoming 2008. Come celebrate the university's centenary with us. Attend the Gala dinner, cheer on the Golden Bears football team, meet your former classmates, tour the campus and visit your faculty. To register go to www.ualberta.ca/alumni/centenary

In the Anthropologists' Footsteps. An anthropological exploration across the globe of distinct subdisciplines and some commonalities among them. Display open during Tory Building hours beginning Sept. 19. www.uofaweb.ualberta.ca/anthropology

Sept 20

Discover the Faculty of Science – Open House 2008. Join current students, alumni, faculty, and staff to uncover the myriad of options that await. 9 a.m. – 4 p.m. Butterdome. www.registrar.ualberta.ca/openhouse

Alumni Brunch. Alumni of the Department of Public Health Sciences or the Centre for Health Promotion Studies are invited to the annual Alumni Brunch. Guest speaker Penny Lightfoot (MHSA '83), Capital Health's director of Population Health and Research. 11 a.m.–1 p.m. Maple Leaf Room

Lister Centre. Go online to RSVP. www.ualberta.ca/ALUMNI/centenary/homecoming/registration.html

LISAA – 40th Anniversary Celebration Brunch. 2008 marks the 40th anniversary of the School of Library and Information Studies. Guests can take in historical displays, special guests and recognition of the university's first alumni. 11 a.m. SLIS Carrel room, Rutherford South, 2nd floor Rutherford Library. www.lisaa.ca/events.html

Physical Education and Recreation Alumni Family Day Picnic in the Park. Physical Education and Recreation alumni and their families are invited to a picnic in Hawrelak Park. Games, BBQ, face-painting for kids and plenty more! 11 a.m.–3 p.m. www.physedandrec.ualberta.ca

Towards a Sustainable Future: Three Perspectives. Three influential scholars will provide their perspectives as to what must be done to give us a chance at a sustainable future as part of the Homecoming 2008. 1:30 p.m.–3 p.m. Myer Horowitz Theatre, Students' Union Building (SUB). www.ualberta.ca/alumni/forum

Sept 22

Biotechnology: Can it be your future? Sept. 19–26 is the National Biotechnology Week and a good time to explore if a career in biotechnology may be for you. Free pizza lunch and info session. Room B2-1, Computing Science Center, starts at Noon.

75th anniversary Wine & Cheese

Registration Social. Female academics, or wives/partners of AASUA affiliated academic staff—both active and retired—are cordially invited to attend Faculty Women's Club's 75th anniversary Wine & Cheese Social at the Faculty Club from 4–6 p.m. <http://ualberta.ca/~fwc>

The Conservation Value of Landscape Corridors. Zoologist Nick Haddad from North Carolina State University will be on hand to discuss results from the largest landscape experiment with corridors. 4:50 p.m. M 149 Biological Sciences.

Sept 23

Green and Gold Day! To celebrate 100 years of classes at the U of A, the university and the City of Edmonton will jointly celebrate Green and Gold Day. U of A staff, students, alumni and friends are encouraged to show their school pride by wearing green and gold.

Litigating Medical Marijuana in the United States Supreme Court. Randy Barnett, Carmack Waterhouse Professor of legal theory at Georgetown University Law Center, litigated the medical marijuana case all the way to the U.S. Supreme Court. Noon –1 p.m. 231/237 Law Centre

Department of Economics Public Lecture. Matthias Wrede, University of Marburg, will give a talk on German Federalism, Quo Vadis, Tory Breezeway, 4 p.m.

Sept 23 & 25

21st Century Postmodernism. Hans

Bertens, professor of comparative literature at Utrecht University, has written key books on literary theory, postmodernism and other topics. Event starts at 3:30 p.m. on both days in the Senate Chamber, Arts & Convocation Building.

Sept 24

Careers Day 2008. Careers Day is an all-disciplines career fair. It is the largest career fair in Canada hosted by a single institution. 10 a.m.–4 p.m. Butterdome. www.ualberta.ca/caps

Sept 25

Distinguished Centenary Lecturer: Dennis Preston. Dennis Preston, a linguist in the Department of English at Oklahoma State University, will give a lecture on perceptual dialectology which studies people's beliefs about which dialects exist. 4 p.m. E 1 017, Engineering Teaching and Learning Complex.

20th Annual McDonald Lecture: What Federalism Means in Quebec. Guy Laforest, political scientist at Laval University, will give this lecture at 5 p.m. 231/237 Law Centre. A reception will follow. RSVP by Sept. 19 to ccs@law.ualberta.ca or 780-492-5681.

Public Deliberation on Climate Change: Getting Beyond Sound-Bite Politics and Public Consultations. A roundtable featuring Alice Casey (UK), Janette Hartz-Karp (Australia), Matt Leighninger (Deliberative Democracy Consortium), Mary Pat MacKinnon (University of Ottawa), and

Peter Muhlberger (Texas Tech). 7–8:30 p.m. 231/237 Law Centre.

Sept 26 & 27

Space Exploration Symposium 2008. Invited keynote speakers highlight recent scientific developments in space exploration. Speakers include Daniel Neil Baker (University of Colorado) and John Mustard (Brown University). Solarium of the Engineering Teaching and Learning Complex. www.asset.ualberta.ca/symposium/index.html

Sept 26

Gardasil, Girls and God: To vaccinate or not to vaccinate. Health Ethics Seminar Noon–12:45 p.m. 207 Heritage Medical Research Centre. www.ualberta.ca/BIOETHICS/

Celebration of Teaching and Learning. The 13th annual Celebration of Teaching and Learning honours outstanding teachers, students, and staff who support learning. Please contact Laura Connell if interested in attending. 4:30 p.m. Jubilee Auditorium. www.uofaweb.ualberta.ca/provost/CTL.cfm

Sept 27

49 Annual Turkey Trot and Campus United Way Kick-off. Thanksgiving turkeys will be awarded to the top finishers in each run/walk categories. www.activityreg.ualberta.ca. Deadline for entries is Sept. 23 at 5 p.m. Event starts 10:30 a.m. at the Butterdome. www.campusrec.ualberta.ca

Fine Arts

Sept 20

Gryphon Trio. Now in its 16th season, the Gryphon Trio offers its signature blend of the familiar and the new in a concert that features a work the trio premiered this past April by the Ukrainian composer, Bohdana Froljak, and piano trios by Haydn and Beethoven. Tickets available from TIX, the Gramophone and at the door. Adults \$30, seniors \$20, students \$10. 8 p.m. Convocation Hall Arts and Convocation Hall. <http://edmontonchambermusic.org>

Sept 21

Homecoming Concert. Music Alumni in Concert 2–4 p.m. Con Hall Arts and Convocation Hall.

Faculty Recital: French Organ music. Marnie Giesbrecht plays French organ music with guest Joachim Segger on the newly restored 1909 Casavant Organ. U of A Faculty Recital A 100th Anniversary and Homecoming Celebration, 7 p.m. www.majoya.com

Sept 23

A Mid-Autumn Evening with Nobel Laureate Derek Walcott. A public reading and book signing by Caribbean Nobel Laureate Derek Walcott, with musical performances by TrinCan Steel Orchestra and Stennie Noel & Anthony Bernard of Wajjo Drummers. 5:30–7:30 p.m. Telus Auditorium TELUS Centre

Sept 24

To Tell the Truth: The Liu Binyan Story. Liu Binyan, a leading Chinese journalist, was often referred to as "the Conscience of China." Liu was named one of Time magazine's Asian Heroes in 2003. 5–7 p.m. Room 325, CEB. www.international.ualberta.ca/globalized/reelworld.cfm

Cartet - a vehicular symphony.

Please join distinguished centenary lecturer Steven Feld to listen to Cartet. This live performance features the scintillating horn voices of four motorized vehicles, conducted by the composer, Bill Demur. Parking Lot Z (Timms Centre) 7–7:15 p.m. www.fwalive.ualberta.ca/home

Honk Horn Music and the Sounds of Modernity in Accra. Steven Feld, a noted ethnomusicologist, anthropologist, and linguist who worked with the Kaluli (Bosavi) people of Papua New Guinea, will be delivering this centenary lecture. 7:30 p.m. TELUS Centre. www.fwalive.ualberta.ca/home

Until Sept 27

Studio Theatre: Who's Afraid of Virginia Woolf? By Edward Albee and directed by MFA directing candidate Rob Moffatt. Praised as marking a new era in American drama, this modern classic reveals the raw, human truths that lurk beneath the surface of middle-class pretense. Shows are at 7:30 p.m. Matinee will be held Sept 25 at 12:30 p.m. Timms Centre for the Arts. www.studiotheatre.ca

Until Sept 27

Agave: A Portfolio of Fine Art Prints to Commemorate 100 Years. Agave is a portfolio of hand-printed, limited-edition fine art prints that were produced to celebrate 100 years of the University of Alberta. All students, grad students and teaching staff in the Department of Art and Design's printmaking area were offered the opportunity to participate by creating a print on fine quality archival paper with specified dimensions. The works were executed using a broad range of print media (from historical to new techniques) including mezzotint, photo gravure, screen-



An 18th century print entitled the Conquests of the Emperor Qianlong by Giuseppe Castiglione.

printing, lithography, etching and digital. Fine Arts Building Gallery.

Oct 1

We Don't Play Golf Here (Welcome to the Reel World Film and Speakers Series). "We Don't Play Golf Here – and other stories of globalization," is a concise exploratory depiction of the negative side of globalization. Presented by Julian Castro-Rea, professor of Political Science, starting at 5 p.m. in Room 325 CEB. www.international.ualberta.ca/globalized/reelworld.cfm

Music at Convocation Hall: Catherine Vickers, piano 8–10 p.m. Con Hall Arts and Convocation Hall. www.uofaweb.ualberta.ca/music2/mach2.cfm

Until Oct 1

From Engagement: Instructor as Learner. The Extension Gallery is presenting display about the influence that teaching and students have on artists who are their instructors. The display is located in the first floor atrium in Enterprise Square, 10230 - Jasper Ave.

Oct 3

Academy Winds and Percussion. Academy Winds and Percussion Angela Schroeder, Conductor 8 p.m. Convocation Hall. Arts and Convocation Hall. www.ualberta.ca/music

Until Dec 18

Saeculum: Commemorative Coins from Ancient Rome. The Department of

History and Classics is pleased to present a special exhibition of Roman coins focusing on the theme of commemoration. The coins illustrate some of the important figures and key events of Roman Imperial history. Tours and visitations can be arranged by contacting the main office at 780-492-3270. 2-89 Tory.

Until Jan 24

Brilliant Strokes: Chinese Paintings from the Mactaggart Art Collection. The U of A Museums "Brilliant Strokes: Chinese Paintings" from the Mactaggart Art Collection. Brilliant Strokes showcases a selection of exquisite Chinese paintings. Gallery A, TELUS Centre. Thursdays from Noon–8 p.m. and Fridays and Saturdays from Noon–5 p.m. www.museums.ualberta.ca

Events *continued*

U of A TD Great Canadian Shoreline Clean Up. Participants will walk down the banks of the North Saskatchewan for a day of clean up. Event starts at 1 p.m. at the Business Building Business. www.vanaqua.org/cleanup/home.php

Sept 30

Biochemistry 21st Century Summit. U of A President Indira Samarasekera and the Honourable Doug Horner will be on hand to celebrate the successes of the Department of Biochemistry. Jay Ingram will present "Watson and Crick . . . Lennon and McCartney," running from 1–4 p.m. www.biochem.ualberta.ca/home.php

Writing: What Matters. Nobel Laureate Derek Walcott; Writer-in-Residence Lynn Coody; Lee Playwright-in-Residence Kevin Kerr and Writer-in-Exile Rita Espeschit (Brazil). Event runs from 3:30–5:30 p.m. in the HC-Lecture Theatre 1 Humanities Centre.

Oct 1

Health Law Institute Seminar Series. "Imagining Science: An Artistic Exploration of Science, Society and Social Change." Timothy Caulfield, Canada Research Chair in Health Law & Policy. Seminar begins at noon in Room 231 Law Centre. www.law.ualberta.ca/centres/hli

Hurtig Lecture on the Future of Canada with Margaret Atwood. This year's Hurtig Lecture will be delivered by internationally-acclaimed Canadian novelist Margaret Atwood. Tickets are \$25 plus service charge. Event begins at 7:30 p.m. at the Winspear.

Oct 2

Introduction to Conflict Management. This half-day interactive workshop will highlight the minefields that litter our paths during conflict. Register at www.learningshop.ualberta.ca. 1–4:30 p.m. Glacier Room Lister Centre.

WISEST-UAWISE Research/ Industry/Student Mixer. To RSVP please visit our website and follow the links. 5 p.m., Solarium Engineering Teaching and Learning Complex. www.ualberta.ca/~uawse/events.html

Oct 3

Support Staff Spring 2008 Pre-Retirement Planning Workshops. Learn how to create an effective financial retirement plan, prepare a retirement budget and about retirement tax consequences. You must register for and attend all three workshops. 8:30 a.m.–Noon. 5-13 Business www.learningshop.ualberta.ca.

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BRANDER GARDENS-UNIT 311, 14810 53 Ave., Turnkey furnished, 1 Bedrm. Very spacious, 1200 sqft. condo. September to April, all utility connections included. \$1550 per month. Simple, stylish, renovated. JANET FRASER, 780-441-6441, jennfra@interbaun.com, Gordon W. R. King & Assoc. Real Estate Corp.

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GRIESBACH-Colonel Stone Way: BRAND NEW end unit, Turnkey furnished. This landlord finished w/ style and class. Call for a showing & to lease. 2200 sqft on 2 levels. On the Lake, furnished executive, brand new, 2 master suites. Close to downtown. Exciting, amazing, growing, Griesbach. Get brand new and a K-9 school too. JANET FRASER 780-441-6441, jennfra@interbaun.com, Gordon W. R. King & Assoc. Real Estate Corp.

GLENORA-#6 St. Georges Crescent. Turnkey furnished, available the end of September (negotiable) to a minimum of April 2009. 2 bed up and 2 down. If you want style and class and to have a central Edmonton address with space and convenience. Pool table, hot tub, 2 car garage, 4 rooms, granite kitchen, hardwood floors. \$3900 (includes \$300 towards utilities, fully furnished, landscaping and snow removal) call, JANET FRASER, 780-441-6441, jennfra@interbaun.com, Gordon W. R. King & Assoc. Real Estate Corp.

GARNEAU-10949-88 Avenue: Fully upgraded Clinker Brick executive 4 bedroom 2 storey with professional finishes throughout. Built in 1929 this Clinker Brickhome has 1832 square feet. Hardwood throughout all levels. Use basement as in-law suite or theatre room. Parking for 7: triple garage + 4 outside stalls. September 1, 2008, \$3000/month. Call JANET FRASER, 780- 441-6441, jennfra@interbaun.com, Gordon W. R. King & Assoc. Real Estate Corp.

MacEWAN-1639 Melrose Place SW New 2-bedroom 2 bathroom open plan duplex. Single garage, deck, available immediately. \$1700 per month.

Call Janet 780-441-6441, jennfra@interbaun.com

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OLIVER-Unit 1401, 10011-123 St. NW (GAINSBOROUGH) expansive river valley on Jasper Ave. \$1950/month includes water, heat, cable, electricity. Spacious 2 bedrm with den. Available August 31. Call Michael Jenner 780-441-6441, Michael@jenner.tv, Gordon W. R. King & Assoc. Real Estate Corp.

OLIVER-Unit 101, 11920-100 Avenue NW (The Fairmont), On Victoria Promenade. Bright, sunny, 2 bedrm., 2 bathroom, main floor of the building. Huge living room and dining room, lots of storage, ensuite laundry, many luxuries including swimming pool and hot tub on top floor of building. Available immediately. \$2000 / month (includes heat water). Janet Fraser, 780-441-6441, jennfra@interbaun.com, Gordon WR King & Assoc. Real Estate Corp.

ROYAL GARDENS-11728 - 47Avenue NW. Royal Gardens Gem - Popular southwest area offers exceptional school choices for all levels of education as well as quick access to U of A and Southgate shopping centre. 3 bedroom bi-level with new hardwood and tile on the upper level. Very spacious living room and dining room, additional rooms on lower level. Available immediately. \$1600/mo. Call Janet Fraser @ 780-441-6441 Gordon W.R King & Associates

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suppressing tumours in the liver, which could someday have implications for the treatment of liver cancer, an important primary form of cancer in many parts of the world.

Schaeffer is an expert in parallel programming environments computing sciences. Among his computer programming milestones, Shaeffer led a team that sifted through 500 billion checkers positions to build a checkers-playing computer program, Chinook, which may be played to a draw but never defeated.

Belosevic's seminal contributions include the development of novel animal models for study of infectious diseases, the detailing of the mechanisms of host defense in mammals and lower vertebrates, and inactivation of waterborne pathogens.

Pemberton's fields of expertise are in ichnology, the investigation of animal-sediment interactions in both recent and ancient environments. Recent research activities involve emphasis on the Cardium and Viking Formations, the Athabasca and the Cold Lake oil sands of Alberta, as well as the offshore Hibernia, Ben Nevis, Terra Nova, and Venture fields.

Hall research into a family of compounds known as boronic acids and esters, as part of a diverse research program with potential applications ranging from medicine to industrial processes.

The university awards the title only to those individuals who have achieved outstanding distinction in each of the areas of research and scholarship, teaching, and service to the university and the community at large.

RIVER VIEW – 2 bedroom \$1700 month, 1 bed + den. \$184,500. Buying, selling, lease, I can help you. Connie Kennedy Pioneer Condominium Specialist. 780-482-6766. www.conniekennedy.com, Remax Real Estate Central.

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CAPILANO – Newly renovated quiet two bedroom plus den apartment. \$1250/month. Close to bus, mall, Kings College. Phone 780-983-1982.

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BROOKSIDE-14204-57 Avenue, Never before available. This home is very well maintained. Updates to some flooring and repainted in many rooms. A spacious wonderful dining room and very well planned kitchen. It gives your family the location in the neighbourhood, the space inside and the yard that family, friends and children will love. For sale, refer your friends with confidence. www.mls.ca Janet Fraser, 780-441-6441, jennfra@interbaun.com, Gordon WR King & Assoc. Real Estate Corp.

STRATHCONA-Water's Edge, 1810, 10149 Saskatchewan Drive: Perfect condominium close to everything. Renovated, end unit, second largest square footage in building, only unit with access from living room or master bedroom to balcony. Laminate floors, huge ensuite bathroom and closet in master, ensuite to 2nd bedroom. Well priced for offers at \$279,000, vacant for easy possession. Photos, details? Call Michael Jenner, Agent, 780-441-6441 or email MICHAEL@JENNER.TV, Gordon W. R. King & Assoc. Real Estate Corp.

UPSTAIRS – DOWNSTAIRS DUPLEX – furnished. Live in one, rent other. Attached garage. Rentable workshop. \$395,000. LRT two blocks. 780-906-1045.

PENTHOUSE – Sask Drive river view. Contemp décor, 2 bedrooms, 1 ½ baths, balcony, \$374,900. Phone Marcy Loder Realty Executives 780-221-3658.

SOUTHVIEW COURT – Walking distance to Southgate, direct bus to U of A, future

LRT. Perfect first-time buyer condo priced at \$288,000. Sparkling unit with south exposure. Move right in. Six major appliances, air-conditioned, window coverings, one bedroom plus den. Hardwood floors, private patio, gas outlet. Heated underground parking with elevator, wheelchair accessible. Condo fees \$128. Marjorie King, Prudential Spencer 780-483-7170.

STRATHCONA ONE BEDROOM LUXURY CONDO – Close to downtown, U of A and farmer's market. Quiet building ideal for mature students or professionals. \$229,400. Phone Sherilyn 780-710-5511. Comfree Code 23530.

LAURIER HEIGHTS REDUCED to \$590,000. An excellent purchase in this prestigious neighborhood. This family home has four bedrooms and two baths on the second storey. Two fireplaces, formal dining room, west facing sun room. Triple pane windows on upper level. Attached double garage, direct access to the home. Newer drive and walkway close to parks and river valley. Marjorie King Prudential Spencer 780-483-7170

EXECUTIVE CONDO – Bungalow style in Riverbend in prestigious Whitemud Hills. +18 adult living community (pet friendly). Features 1,356 sqft, 3 bedroom, 3 full bathrooms, fully finished walkout basement. New flooring on the main floor and basement. Easy access to shopping, Whitemud, university and Anthony Henday. \$457,000. Open house September 21 and 28 3–5 p.m. Call Yanina for details at 780-819-0556 or 780-438-7000. Remax Real Estate Centre.

ACCOMODATIONS WANTED

Single professor seeks furnished apartment or house close to university. 1 Oct–30 Nov or part thereof. sue.hannon@ualberta.ca

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laurels

The University Professorship Selection Committee has identified the 2008 University Professors for appointment. Kier Pearson of the Department of Physiology; Jack Jhamandas of the Department of Medicine; Vic Adamowicz of the Department of Rural Economy; Dennis Vance of the Department of Biochemistry; Jonathan Schaeffer of the Department of Computing Sciences; Mike Belosevic of the Department of Biological Sciences; George Pemberton of the Department of Earth and Atmospheric Sciences and Dennis Hall of the Department of Chemistry have all been

named university professors.

Pearson works in the field of neuroscience, specifically examining the neuronal mechanisms responsible for generating the motor pattern for walking.

Jhamandas researches the mechanisms underlying cell death in Alzheimer's disease and aspects of brain regulation of autonomic function.

Adamowicz has been honoured his leadership in the area of integrating the environment into economic analysis.

Vance's work surrounds identification of an enzyme that appears to be capable of



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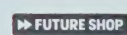
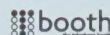
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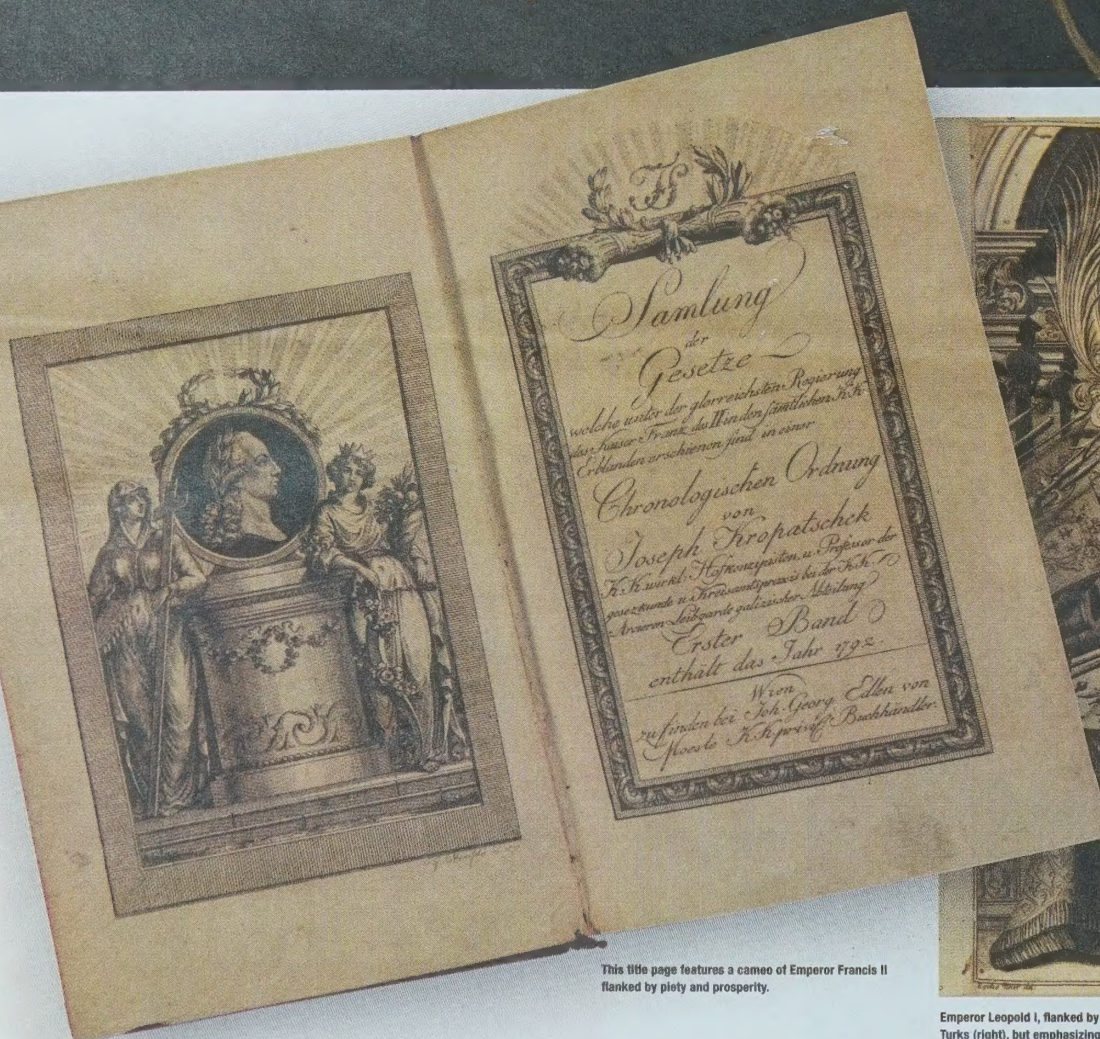


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A common practice in Early Modern times was to re-use pages of old manuscripts made of vellum, which were no longer needed.

Legacy of Empire

Treasures of the University of Alberta's Central European Library Collection



This title page features a cameo of Emperor Francis II flanked by plenty and prosperity.



Emperor Leopold I, flanked by allegorical references to Austrian military victories over the French (left) and the Turks (right), but emphasizing that between times of war the Emperor was also a wise legislator.

The Wirth Institute for Austrian and Central European Studies was originally established in 1998 as the "Canadian Centre for Austrian and Central European Studies." Renamed for Manfred and Alfred Wirth's generous endowment, the institute is now in the midst of 10th anniversary.

To honour this milestone the Bruce Peel Special Collections Library is displaying parts of its impressive collection of Austrian, Habsburg and Central European materials in a display called "Legacy of Empire."

The strength of the collection is the acquisition of two major Austrian collections: the famous "Priesterseminar" library of the Archbishop of Salzburg in 1965, which encompasses 3,500 volumes published between 1500 and 1800, and the library of the Viennese Juridisch-Politische Leseverein in 1969, which included a staggering 13,500 volumes.

The exhibition is curated by Franz A.J. Szabo, professor of history and director of the Wirth Institute. This exhibit runs from until December 2008. ■



Map of Hungary from the 1595 edition of Abraham Ortelius's Theatrum Orbis Terrarum.

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